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32-1207: Flt3 Ligand His Recombinant Protein

Alternative Name: Fms-related tyrosine kinase 3 ligand, FLK2, STK1, CD135, Stem Cell Tyrosine Kinase 1, FLT3LG, Flt3.

Description

Source: Escherichia Coli. Flt3-Ligand Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing 165 amino acids (including his tag) and having a molecular mass of 18.9 kDa. Flt3-Ligand is purified by proprietary chromatographic techniques. FLT3 ligand is a receptor for the fl cytokine has a tyrosine-protein kinase activity & a growth factor that regulates proliferation of early hematopoietic cells. Flt3-Ligand synergizes with other CSFs and interleukins to induce growth and differentiation.

Product Info

Amount : 20 μg

Purification: Greater than 97 % as determined by SDS-PAGE.

Content: The protein was lyophilized with PBS.

Lyophilized Flt3-Ligand although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Flt3-Ligand should be stored at 4°C between 2-7

Storage condition:

days and for future use below -18°C. For long term storage it is recommended to add a carrier

protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Application Note

It is recommended to reconstitute the lyophilized Flt3-L in sterile $18M\Omega$ -cm H2O not less than $100\mu g/ml$, which can then be further diluted to other aqueous solutions. The activity was measured in a cell proliferation assay. The EC50 for this effect is typically 0.2-1 ng/mL.

